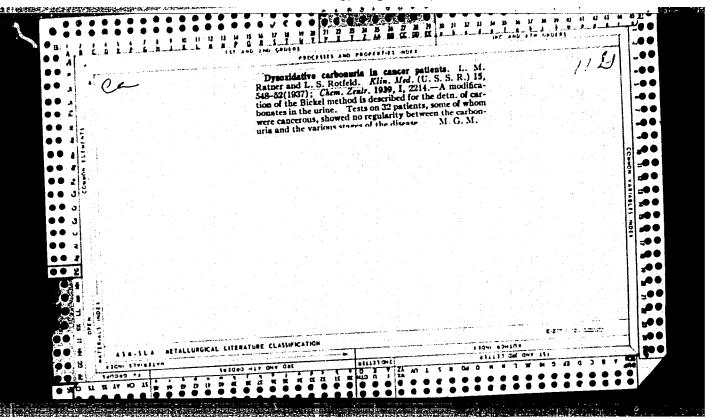
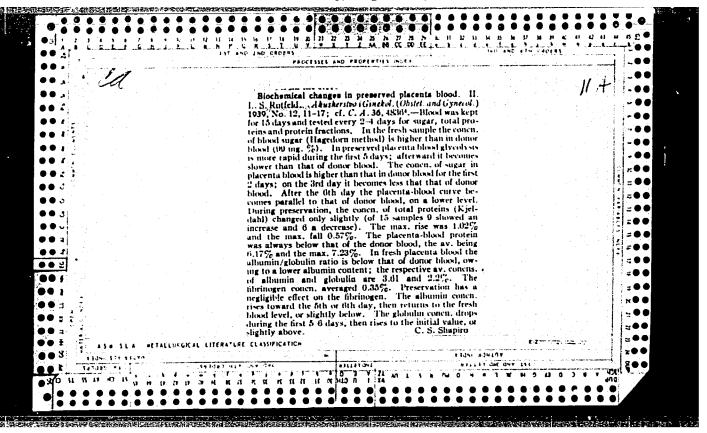


ROTFARB, R. M., Cand Bio Sci -- "Study of intermediate reactions in the formation of chlorophyll." Minsk, 1961. (Belorus State U im V. I. Lenin) (KL, 8-61, 238)

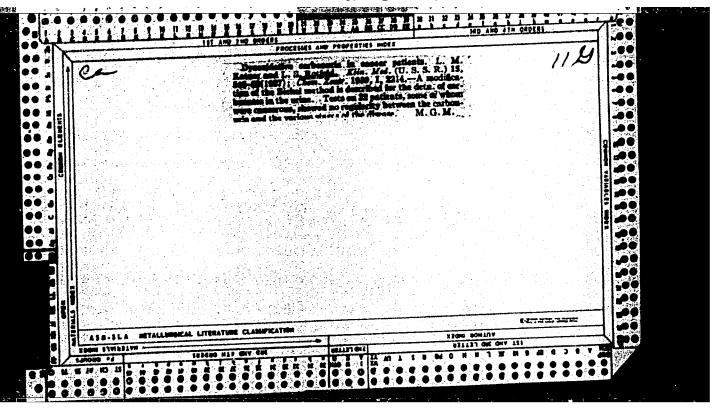
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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001445



ROTFEL'D, L.S., kand.biol.nauk

Importance of the study of the antitoxic function of the liver in some internal diseases. Akt.vop.perel.krovi no.4:212-213 '55. (MIRA 13:1)

1. Gematologicheskaya klinika Leningradskogo instituta perelivaniya krovi (zav. klinikoy - prof. S.I. Sherman).

(LIVER)

PETROV, I.R., prof.; IL'INSKAYA, I.V., starshiy nauchnyy sotrudnik; ROTFEL'D, L.S., kand.biol.nauk

Comparative analysis of the biochemical and morphological composition of the bone marrow and peripheral blood in animals with protein deficiency. Akt.vop.perel.krovi no.4:228-230 '55. (MIRA 13:1)

1. Laboratoriya eksperimental'noy patologii Leningradskogo instituta perelivaniya krovi (zav. laboratoriyey - chlen-korrespondent AMN SSSR prof I.R. Petrov). 2. Chlen-korrespondent AMN SSSR (for Petrov).

(MARROW) (BLOOD-EXAMINATION)

(PROTEIN METABOLISM)

PETROV, I.R., prof.; IL'INSKAYA, I.V., starshiy nauchnyy sotrudnik; ROTFEL'D, L.S., kand.biol.nauk

Change in the morphological and biochemical composition of the peripheral blood and of the bone marrow in animals subjected to starvation and nerve injury. Akt.vop.perel.krovi no.4:230-234 55.

(MIRA 13:1)

1. Laboratoriya eksperimental nov patologii Leningradskogo instituta perelivaniya krovi (zav. laboratoriyey - chlen-korrespondent AMN SSSR prof. I.R. Petrov). 2. Chlen-korrespondent AMN SSSR (for Petrov) (MARROW) (BLOOD-EXAMINATION) (STARVATION) (NERVES--WOUNDS AND INJURIES)

ROTFEL'D, L.S., kand.biol.nauk; TETEL'BAUM, Ye.G., kand.med.nauk

Dynamics of blood proteins following burns. Akt.vop.perel.krovi no.4: 252-253 '55. (MIRA 13:1)

1. Khirurgicheskaya klinika (zav. chlen-korrespondent AMN SSSR, prof. A.N. Filatov) i biokhimicheskaya laboratoriya Leningradskogo instituta perelivaniya krovi.

(BURNS AND SCALDS) (BLOOD PROTEINS)

ROTHEL D, LID.

"Carbohydrate Function of the Liver During Development of Radiation Sickness," by Prof N. N. Blokhin, I. S. Luganova, and L. S. Rotfel'd, Leningrad Order of Red Banner of Labor Scientific Research Institute of Blood Transfusion, Meditsinskaya Radiologiya, Vol 1, No 6, Nov/Dec 56, pp 40-46

Changes in the carbohydrate function of the liver and muscles of dogs were studied at various periods following X-irradiation by doses ranging from 250 to 600 r.

In practically all phases of radiation sickness, regardless of dose, disturbances occur in both the glycogen-forming and the glycogen-fixing functions of the liver. This is confirmed by the adrenalin test, and the test using sugar ingestion, sodium lactate, and insulin.

The pseudodiabetic character of the curve on sugar ingestion and the disturbances in sugar utilization by the muscles lead to the assumption that the insulin-forming functions of the pancreas are disturbed. The administration of insulin on damage by radiation sickness leads to normalization of the above disturbances, thus confirming the accuracy of the assumptions.

The injection of insulin combined with glucose is desirable in the therapy of radiation sickness as it corrects the disturbances in the carbohydrate function of the liver. (U)

Sum. 1322

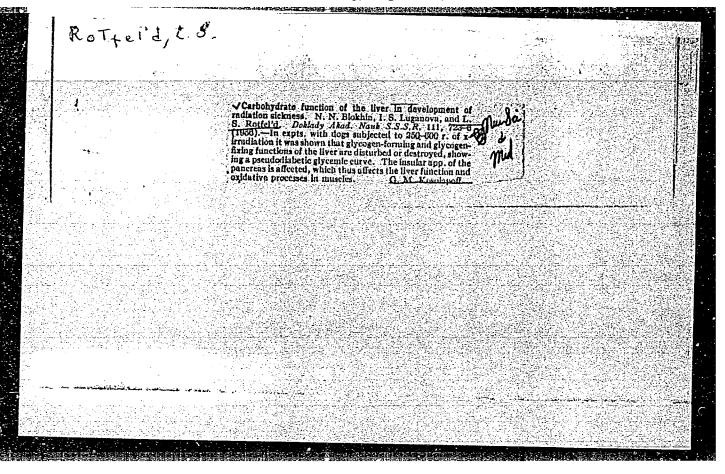
ROTFEL'D, L. S., ALEKSANDROVA, N.M. and KOGAN, M. K.

"Biochemical Studies of Bone Marrow and Peripheral Blood During Diseases of the Blood System," by L. S. Rotfel'd, N. M. Aleksandrova, and M. K. Kogan, Aktual'nyye Vopr. Perelivaniya Krovi, Leningrad, Medgiz, 1955, Vol 4, pp 226 — 228 (from Referativnyy Zhurnal -- Khimiya, Biologicheskaya Khimiya, No 13, 10 Jul 56, p 86, Abstract No 12876)

Determinations were made of total nitrogen, dry residue and mineral matter in the bone marrow and peripheral blood of healthy people and those afflicted with diseases of the blood system. In hypochromic anemia the dry residue and mineral matter were decreased in the punctate of the sternum and in peripheral blood, while total nitrogen was decreased in bone marrow. Polycythemia exhibited a disturbed ratio between total nitrogen in bone marrow and blood serum (total nitrogen was always less in bone marrow than in serum), an increase of the dry residue and mineral matter in the bone marrow, and an increase of the dry residue in the peripheral blood, while leukemia showed great fluctuation of total nitrogen content in the punctate.

Sum 1219

BILKHIMICHESKAYA INGCENTERIYA LENINGRADSKOGO INST.



ANTONOVAM, Ye.V., ROTFEL'D, L.S.

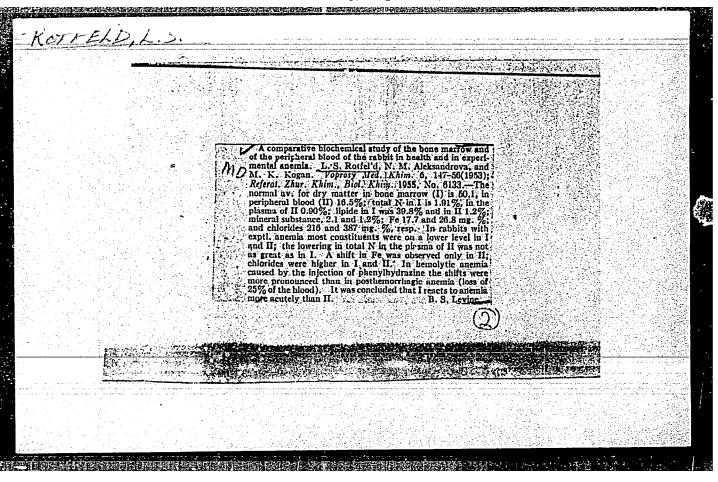
Studies on certain biochemical and physicochemical changes occurring during storage in blood prepared without a stabilizer.

Probl.gemat. i perel.krovi 3 no.3:43-48 My-Je'58 (MIRA 11:6)

1. Iz Leningradskogo ordena Trudovogo Krasnogo Znameni instituta perelivaniya krovi (dir. - dotsent A.D. Belyakov, nauchnyy rukovo-ditel' chlen-korrespondent AMN SSSR prof. A.N. Filatov).

(BLOOD PRESERVATION,

without stabilizer, eff. on biochem. & phys. properties (Rus))



s/118/61/000/004/004/005 A161/A127

AUTHOR:

Rotfel'd, S.G., Engineer

TITLE:

Automatic production control instruments at the Moscow City Sovnarkh-

Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 4, 1961, 37 - 39

The instrument industry of the Moscow City Sovnarkhoz is producing PERIODICAL: over 1,500 different instruments and machines, most of which are designed for the inspection and control of production processes. The article presents a survey on some of them and includes some photographs. The "Tizpribor", "Manometer", On some of Grem and Includes some photogrem are mentioned as producer plants; Heat-Automatics Plant (MZTA), "Energopribor" are mentioned as producer plants; the SKB biofiziologicheskoy apparatury i elektronnykh mashin (Special Design Bureau of Biophysiological Instruments and Electronic Machines) (SKB-BFEM) and Institut avtomatiki i telemekhanici AN SSSR (Institute of Automatics and Telemechanics AS USSR) have participated in the development. The following items are briefly described. Electronic MAPC-200P (MARS-200R) machine for the automatic control of heat and time in the vulcanization of rubber, or of time-control in the pressing of plastics, already in use in chemical, cable and other plants in

Card 1/4

s/118/61/000/004/004/005 A161/A127

Automatic production control instruments ...

the country. The new MAPC - YO (MARS-UB), for centralized control of production processes with electrical and nonelectrical parameters. It transmits information to computers and other arrangements, can work with up to 500 pickups of various kind and in various combinations, is built mainly of semiconductor diodes and triodes and is suitable for the production control in the chemical, metallurgical, petroleum processing, electric and other industries. The ANYP (AMUR), is designed for the regulation and control of heat in refrigerating, foodstuff and designed for the regulation and control of heat in refrigerating, roodstarf and other industries where temperatures vary from -200 to +500°C. It can be built other industries where temperatures vary from 10 to 80. APC-1-0 (ARS-1-0) "opfor a different number of controlled units from 10 to 80. APC-1-0 (ARS-1-0) "opfor a different number of controlled units from 10 to 80. timizers" or "extreme" regulators", have been developed by the "Tizpribor" in cooperation with the Institute of Automatics and Telemechanics AS USSR. They automatically find and maintain the most advantageous conditions in complex processes with parameters having clearly expressed peaks, as is the case in heating furnaces. They are used at the Saratovskiy zavod sinteticheskogo spirta (Saratov Synthetic Spirits Plant). The "Energopribor" Plant has started the output of the →100 (EPP-180) electro-pneumatic converters operating in combination with an electronic NTT-152 (PTT-152) converter and converting the t.e.m.f. of thermocouples into proportional direct current that is converted (in the EPP) into a pneumatic signal and transmitted to the automatic control system ("AYC

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S/118/61/000/004/004/005 A161/A127

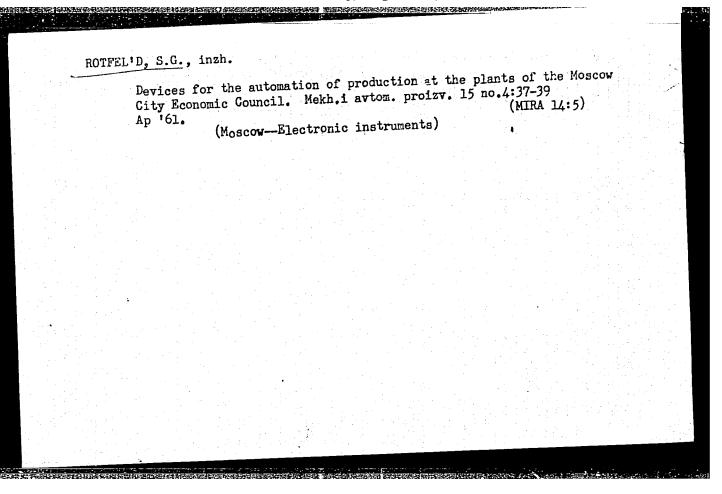
Automatic production control instruments ...

The "Manometr" Plant produces a small semiconductor " GM A" (VMD) device watching continually and signalizing deviations of a parameter from two set values; electronic automatic potentiometers, bridges, differential transformers for measuring, recording and adjusting heat, pressure, flow, level, etc. Their accuracy is higher and the size only half of the analogous devices produced hitherto. A CMA (SID) quick-action electronic signalizer of the same plant, also signalling deviations from two set values may be used in couples for watching deviations from four values and includes a mechanism producing correction of characteristic nonlinearity. It is small, flat, and convenient to be placed on control boards. (BT (SVP) devices are intended for remote measurement of pressure in gases and fluids up to 10,000 kg-f/cm² and have a single-turn spring of special shape for the sensitive element. They are used, e.g., at the Sverdlovskty khimicheskiy kombinat (Sverdlovsk Chemical Combine). The Heat Automatics Plant and the Design Bureau of the Ministry of Construction RSFSR have designed a new multichannel pulse control system MNP (MIR), for three-position control of various heat-engineering values. One set can control up to 25 units and works in combination with differential pressure gages, standard thermocouples, resistance thermometers or other pickups. The "Fizpribor", "Tekstil mashpribor",

card 3/4

3/118/61/000/004/005
Al61/Al27

"Kentrol'priber" Plants are mentioned as participating in the development of a variety of other automation means. Staffs of designing offices and experiment variety at the plants have been increased by more than 25%. There are 5 figures. sections at the plants have been increased by more than 25%.



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ROTTORT, M.S., inzh.

Grounding devices of 110-500 kv. power transmission line towers using the equipment of the reinforced concrete foundations.

Energ. stroi no.39:75-77 164. (MIRA 17:11)

Methods of designing hydraulic press beds. Kuzshtam.proizv. (MIRA 15:8) 4 no.8:25-27 Ag '62. (Hydraulic presses)		7	 GAU	M	eth	ods	of	des	igi	ing	hy	dra	uli	c p	ress	bed	s.	Kuz	s	ntar	M)	IRA	15:8)	
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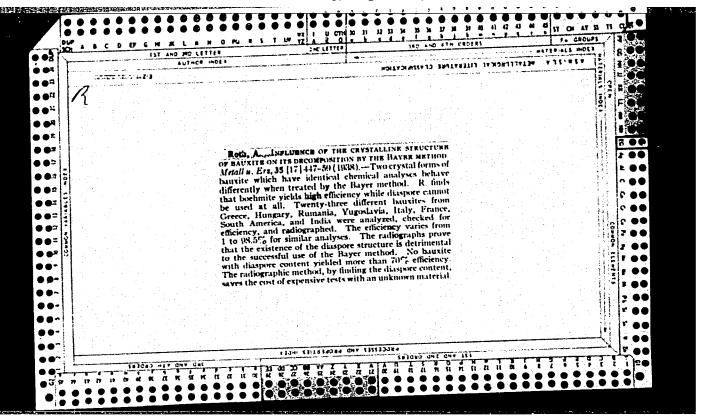
DOKHMAN, S.A.; MAKAROV, N.A.; KULIKOVA, T.K.; ROTGAUZ, I.I.; FILIPP, K.I.

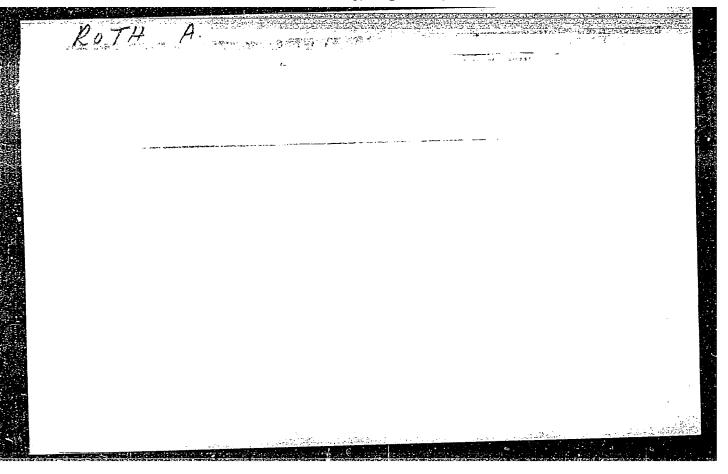
New formation method for selenium cells. Prom.energ. 14 no.3:39-40
(MIRA 12:4)

Mr. 159. (Selenium cells)

HOTGGLITS. Mania Tabil'yevich; SHUVALOV, Vladimir Nikolayevich,

[Brief German-Russian dictionary on the manufacture of commercial machinery and technological equipment for food enterprises; handbook for the correspondence students of mechanical engineering and technological departments] Kratkii mechanical engineering and technological departments Kratkii mechanical engineering and technological departments; posobie nologicheskoi slovar' po torgovomu mashinostroeniiu i tekhnologicheskomu charudavaniiu pishchevykh predpriiatii; posobie nologicheskomu charudavaniiu pishchevykh predpriiatii pishchevykh predpriiatii pishchevykh predpriiatii pishchevykh predp





Regineering

Abs John Ref Zhur - Fizika, No 2, 1957, No 5348

Astibit Berman, A., Roth, A.
Title Measurement of Marrared Radiation

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Measurement of Marrared Radiation

Measurement of Spiritual Spiritual

ROTH, Andras Some rules for technologic planning of spark machining. Gepgyartastechn 1 no.3:96-99 Je '61. 1. Altalanos Geptervezo Iroda.

H/011/61/000/004/002/002 A054/A126

1 1110

AUTHOR:

Some technological problems of the precision of spark-erosion machin-Róth, András

TTLES

Ing

Gép, no. 4, 1961, 143 - 149

The most important field of spark-erosion machining is the processing of hard metals and alloyed steels. One of its characteristics is that it can be applied to any metal, to every material with a metallic conductivity, irres-PERIODCIAL: can be applied so any medal, to every maderial with a medalite conductivity, in pective of its hardness. It is successfully used in tool construction where it reduces waste caused by heat treatment and it eliminates labour which is expensive reduces waste caused by neat treatment and it eliminates labour without is expense and often unreliable. The spark-erosion machine "EROSIMAT" designed in Hungary is used in Hungarian factories and abroad. Experience shows that the efficiency of the process is not determined by the capacity or the dimensions of the machine in the first place, but by the technology employed. In this respect it must meet three important requirements: 1) the accurate dimensions of the cavity formed by spark erosion; 2) the proper surface roughness, which can be ensured by applying the correct electric current and 3) the efficiency of the arrangement, i.e., the

Card 1/3

27223 H/011/61/000/004/002/002 A054/A126

Some technological problems of the precision of spark-... A054/A126

relative position of the electrode and the work-piece. This last requirement is most important. The two first ones can easily be complied with by following carefully the instructions given, but the relative position of the work piece and the electrode is a more complicated problem. The system has only one degree of freedom: the feed of the electrode (vertically to the table), whereas conventional processes are based on two or three degrees of freedom. The relative position of workpiece and electrode can be correlated in several ways. The positioning is done by the correponding displacement of the coordinate table on which the workpiece is placed. When the table is not supplied with a coordinate net the positioning can be carried out by measuring prisms. When the basic surface of the workpiece is only imaginary, (for instance a circular cylinder) it has to be supplied with an auxiliary base, and a direction marking device has also to be used. A very accurate centering can be obtained if a pin is fitted in a hole of the workpiece, and this is used to mark the position of the electrode. During operation, of course, the pin has to be removed from the hole. If it is necessary to take away the electrode during operation (e.g., for the removal of the eroded metal parts) and then to continue the operation, the direction can already be determined more easily for the second positioning of the electrode, as the angular position thereof has already been defined before starting the operation. In order to facilitate this, the

Card 2/3

27223 H/011/61/000/004/002/002

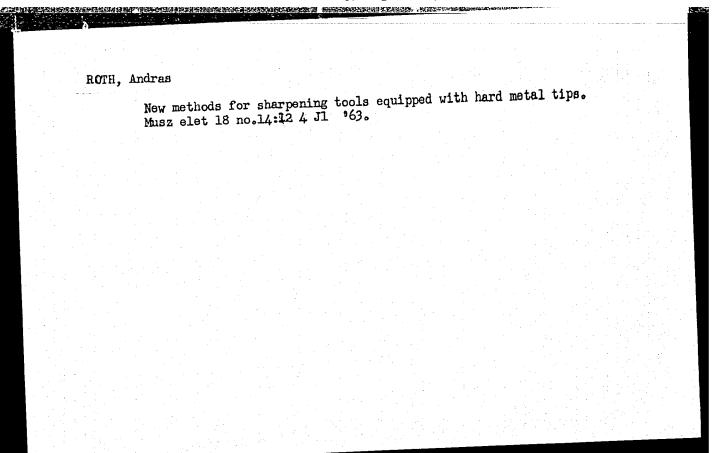
Some technological problems of the precision of spark ... A054/A126

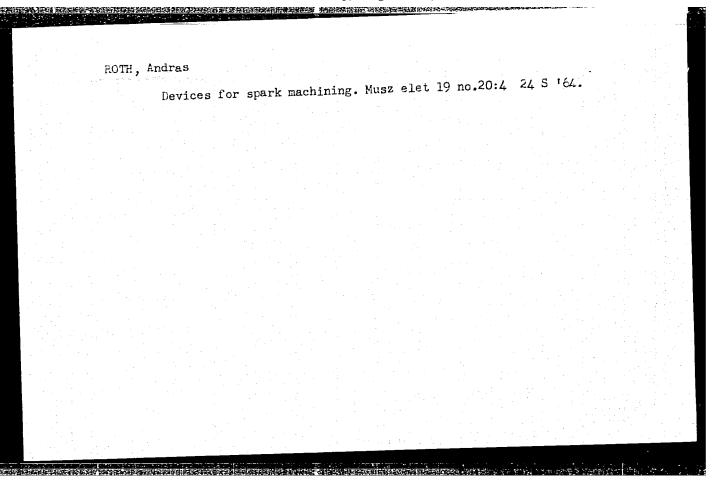
"EROSIMAT - C" apparatus is completed by a special orientating device which consists of a prism and a pin fixed into a holder on the prism. The pin can be used as "arrester": the electrode is also supplied with a pin and its initial position is obtained - when remounting the electrode for the second time - by the "feeler" pin of the device, which stops the electrode on the right place. The pin of the centering device however, can also be employed as a "finder". When the position of the electrode is asymmetrical, a so-called "positioning" pattern is applied or a "positioning" frame, which has the advantage that the original position of the workpiece and the electrode can be reconstructed when one of them or when both are moved from their original position. There are 14 figures.

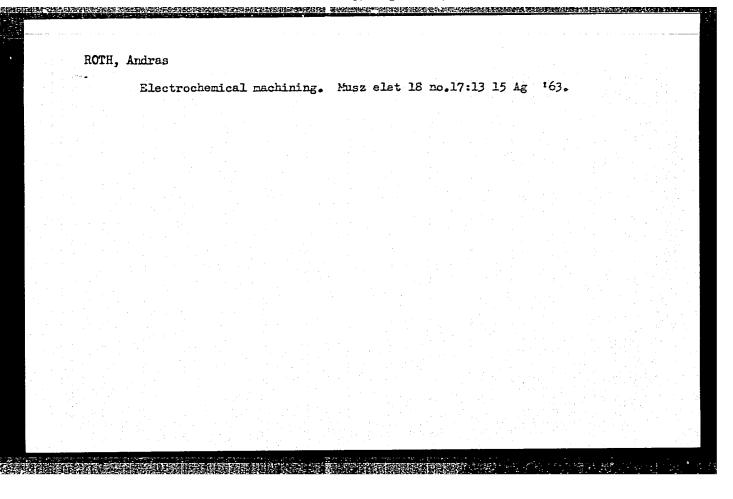
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	Symposi 0 °60.	(m) 1-1	ric erosion i park) in Czechoslo	msz eiet i	(EEAI 10:2)	

ROTH, A.

Electroerosion processing in the service of instrument manufacture. p. 121.

MEDES E3 AUTOMATIKA. (Merestechnikai es Automatizalasi Tudomanyos Egyesulet) Budapest, Hungary, Vol. 7, no. 4/5, 1959.

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Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

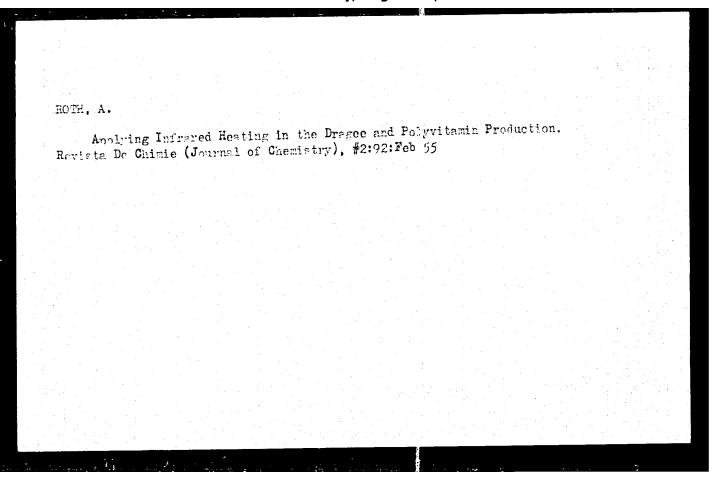
ROTH, A.

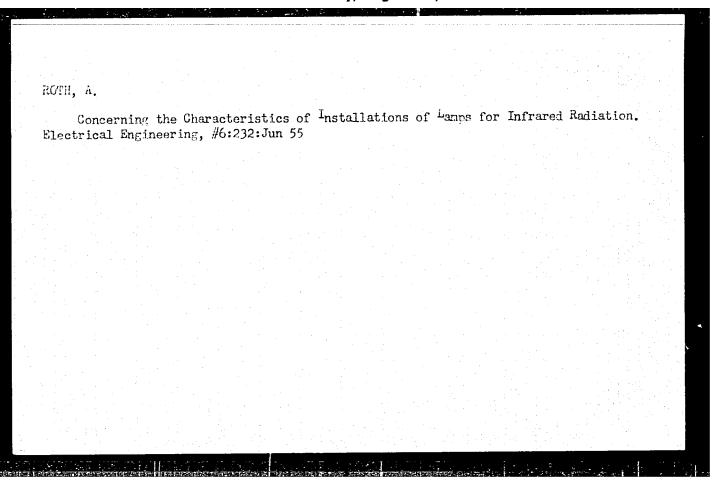
Using spark-erosion system for production of shearing dies for electric-motor rotors. p.266.

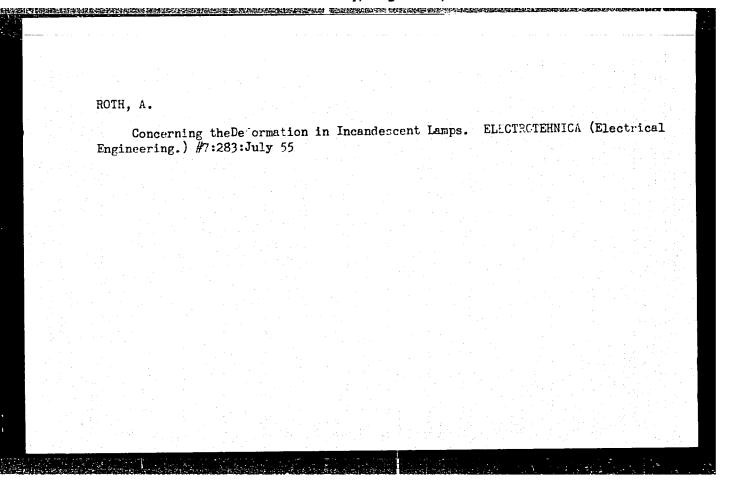
GEP. Budapest, Hungary. Vol. 11, no. 7, July 1959.

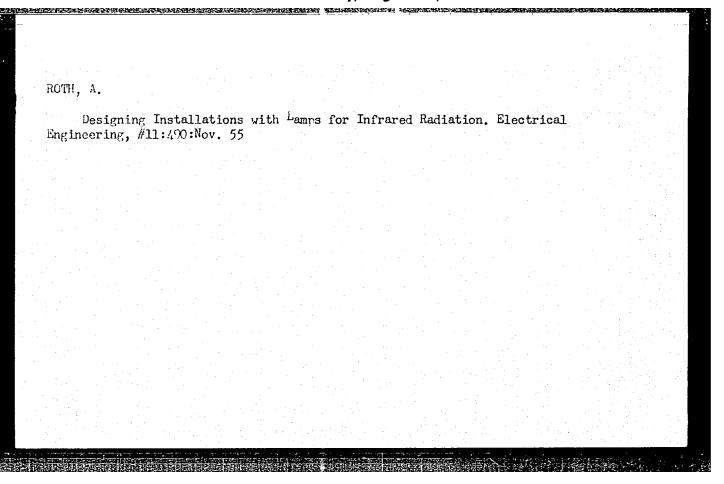
Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959 Uncl.

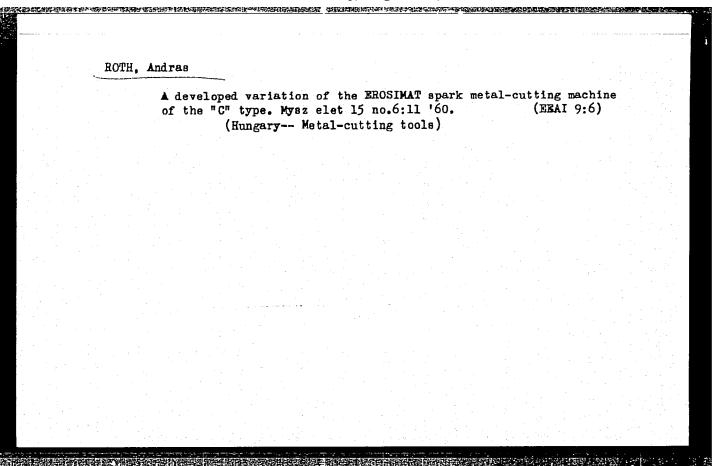
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	ROTH, A	Andras				
		Some technological machining. Gep 13	questions no.4:143-14	relating to 19.9 Pp 161.	the precision	of spark
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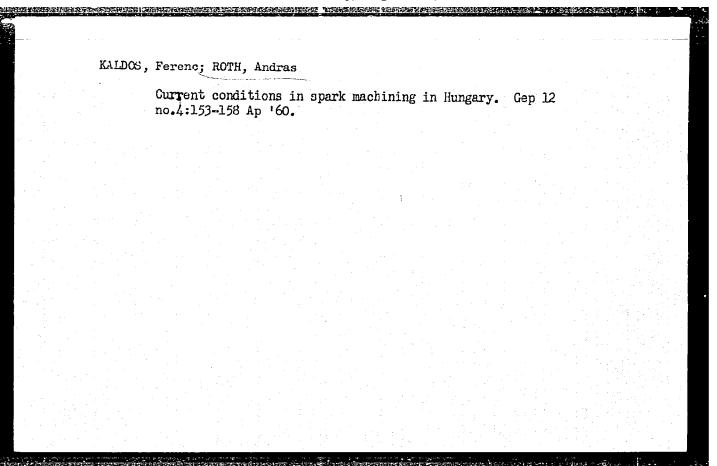




Roth, A.; Berman, A.

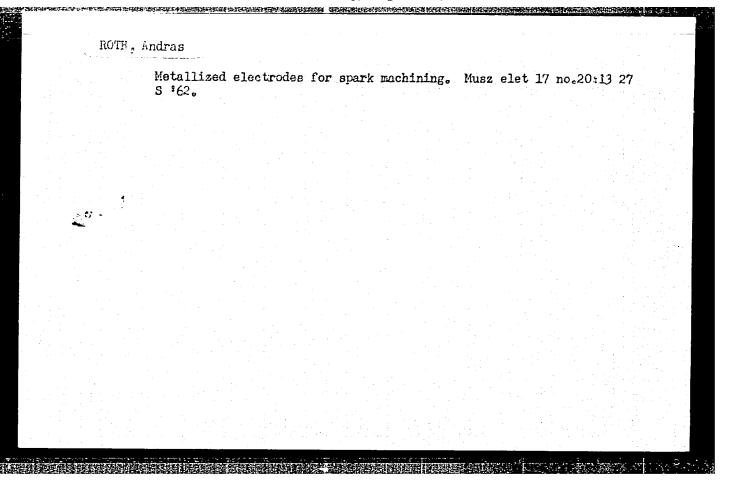
Designing installations with lamps for infrared radiations. p. 490.
ELECTROTEHNICA. (Asociata Stiinifica a Engineeriler si Tehnicienilor din Rominia si Ministerul Energiei Electrice si Industriei Electrotehnice)
Bucuresti. Vol. 3, no 11, Nov. 1955

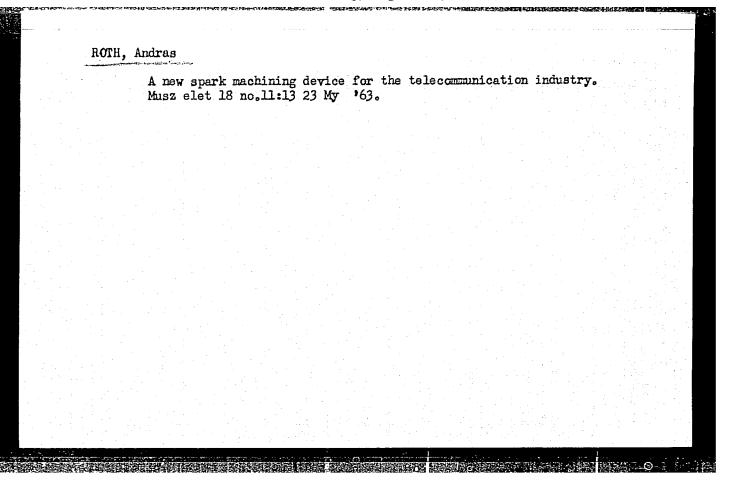
So. East European Accessions List Vol. 5, no 9 September, 1956



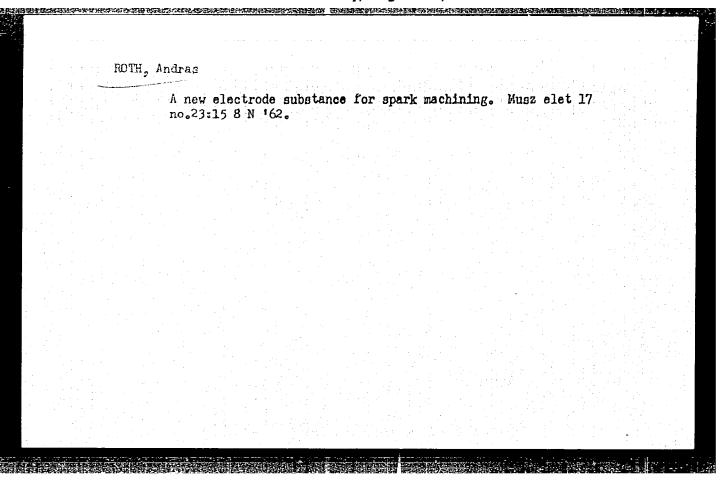
ROTH, A	Andras	
	Some questions of the development of spark machining in Hungary. Gep 14 no.10:388-393 0 '62.	
	l. Altalanos Geptervezo Iroda osztalyvezetoje.	

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ROTH, Andras Evaluation of the contest on spark machining. Gep 15 no. 2288-3 of cover F 163. 1. Villamoserozios Szakbizottsag titkara.



ROTH, A.; BERMAN, A.

Physics and technique of drying lacquered surfaces by means of infrared radiation.

p. 263 Vol. 4, no. 6, June 1956 ELECTROTEHNICA Bucuresti

SO: Monthly List of East European Accessions (EEAL), LC, VOL. 5, no. 12 December 1956

ROTH, A. Isolated luxation of the carpometacarpal joint. Acta chir. orthop. traum. cech. 30 no.3:259-260 Je '63. 1. Chirurgicke oddeleni nemocnice ve Frydlante v Cechach, vedouci MUDr. F. Hromada. (DISLOCATIONS) (WRIST INJURIES) (ACCIDENTS, INDUSTRIAL)

ROTH, A.

ROTH, A. New sources of light, flourescent lamps in halloon form. P. 378.

Vol. 4, No. 8, August 1956 ELECTROTEHNICA TECHNOLOGY Bucuresti

So: East European Accession, Vol. 6, No. 3, March 1957

14(1)

RUM/3-60-2-4/36

AUTHOR:

Roth, Alex., Engineer

TITLE:

Calculation of "Permeable" Vacuum Installations

PERIODICAL:

Revista de Chimie, 1960, Nr 2, pp 78-83

ABSTRACT:

The article deals with vacuum installations which are divided into 1) "tight" receivers, where the purpose of calculations is to achieve the desired vacuum and 2) "permeable" receivers, e.g. reactor vessels, distilling apparatus, etc., where the object of calculations is to maintain the vacuum. The author deals extensively with the particularities of vacuum calculations in case of "permeable" receivers and the graphical presentation of these calculations. Reference is made to L. Dunoyer's formula from which the author deduces the formula

Card 1/2

$$p_r = \frac{s_r}{p - s}$$

RUM/3-60-2-4/36

Calculation of "Termeable" Vacuum Installations

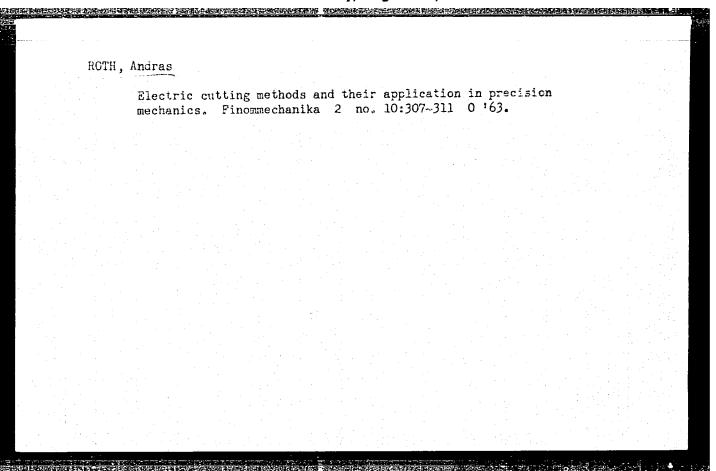
where p_r is the pressure in the recipient, p the pressure in the pump, S_r the exhaustion speed and S the pumping speed. In the opinion of the author Dunoyer's formula is erroneous, since it is impossible that p_r is always inferior to p. A nomogram [Fig 5] worked out by the author indicates the method by which the pressure, critical pressure point and other relevant factors can be determined. There are 3 figures, 2 graphs and 6 references of which 4 are Rumanian, 1 English and 1 French.

Card 2/2

	KALDO	S, Fer	enc; R	OTH,	Andras	<u>s</u> .									
		Curre	nt con	ditio	ns in	spark	mach	ning	in H	ungary	. Gep	12 no	. 4:15	3-158	
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ROTH, Andras Electrocehmical metalworking. Gepgyartastechn 4 no. 3: 102-108 Mr '64. 1. National Committee of Technical Development.

Gepgyartastechn 1 no. 6:206-208 S'61. 1. General Machine Designing Office, Budapest.	Gepgyartastechn 1 no. 6:206-208 S '61.		Some rules	for the	technolog	ic design	n of sparl	: machi	ning. F	't. 2.	
1. General Machine Designing Office, Budapest.	1. General Machine Designing Office, Budapest.		Gepgyartas	techn 1	no. 6:20	6-208 S	'61.				
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ROTH, Andras

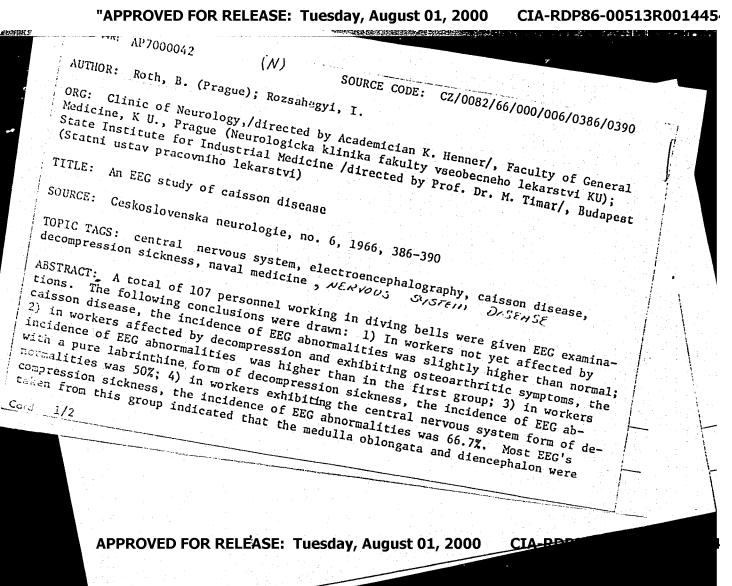
Spark machining of the plate-cutting tool of electric rotary machines. Gepgyartastechn 2 no.8:285-289 Ag *62.

1. Altalanos Geptervezo Iroda.

ROTH, Andras

Economical toolmaking by spark machining. Gepgyartastechn 3 no.62239-244 Je³63.

1. Geptervezo Iroda.



ROTH, B.; FIGAR, S.; SIMONOVA, O.

Respiration in narcolepsy and hypersomnia. Correlation of pneumographic and EEG data. Cesk. neurol. 28 no.5:325-333 S '65.

1. Neurologicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta akademik K. Henner) a Fyziologicky ustav Ceskoslovenske akademie ved v Praze (reditel prof. dr. Z. Servit).

ROTH, B.; KLIMKOVA-DEUTSCHOVA, E.

On the effect of chronic exposure to industrial poisons on the electroencephalograph in man. Cesk. neurol. 27 no.1: 40-47 Ja'64.

1. Neurologicka klinika fakulty vseobecneho lekarstvi KU v Praze; prednosta: akademik K. Henner.

ROTHOVA, N.; ROTH, B.

A case of focal reflex epilepsy caused by tactile stimulation in a child. Cesk. neurol. 26 no.1:33-35 Ja '63.

1. III. detska klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr O. Vychytil Laborator pro patofyziologii nervove soustavy fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik K. Henner.

(EPILEPSY) (TOUCH) (REFLEX) (ELECTROENCEPHALOGRAPHY)

NEWSIMAL, O.; ROTH, B.

Case of familial narcolepsy. Cesk neur. 21 no.1:54-58 Jan 58.

1. Neurologicka klinika KU v Praze, prednosta K. Henner.

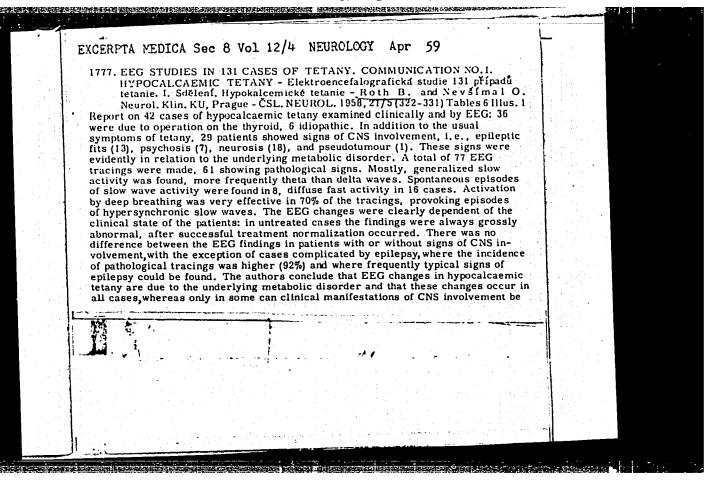
(SLESP DISCRIMENS, hered.
familial narcolepsy (Cz))

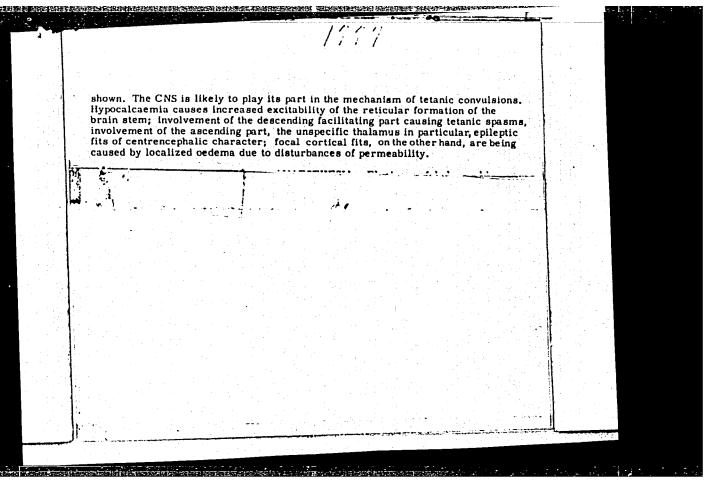
JINDROVA, M.; ROTH, B.; STEIN, J.; ZUKLINOVA, M.

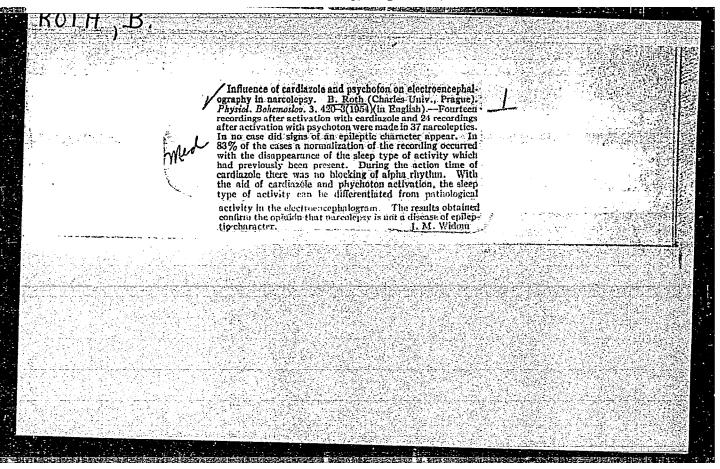
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1. Iaborator pro patofyziologii nervove soustavy fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik K. Henner; Neurologicka klinika KU v Praze, prednosta akademik K. Henner.

(EIECTROENCEPHALOGRAPHY)
(SELIA TURCICA neopl.)
(BRAIN NEOPLASMS diag.)
(SLEEP)







 TOTHERSTEIN, T.; DRAGAN, N.	
Steel; its tendency toward refersible-tempering fragility dependent on the temperature of repeated austenitization. p. 259	e ;
STUDDI SI CHROETARI DE METALURGIR Vol. 3, no. 3, 1958	
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Uncl.

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The world's largest freight vagon. Jerme rezo gep 12 no.4:
156 Pp 165.

STEIN, J.; ROTH, B.

Effect of intermittent optic stimulation on the electroencephalogram in narcolepsy. Cesk. neurol. 25 no.4:227-235 J1 '62.

1. Laborator pro patofyziologii nervove soustavy v Praze, prednosta akademik K. Henner.

(ELECTROENCEPHALOGRAPHY) (SLEEP DISORDERS physiol)
(LIGHT)

ROTH, B.; STEIN, J.; SIMONOVA, O.

Presence of manifestations of decreased vigilance in the EEG of healthy subjects. Cesk. neurol. 27 no.3:163-171 My'64

1. Mourologicka klinika fakulty vseobecneho lekarstvi KU (Farlovy university) v Praze; prednosta: akademik K. Henner.

NEVSIMAL, O.; ROTH, B.; SMEJKAL, Vl.; SOUMAR, J.

PERSONAL PROPERTY OF THE PROPERTY OF THE PERSON OF THE PER

EEG studies on hyperthyroidism and hypothyroidism before and after clinical therapy. Cesk. neurol. 25 no.4:243-247 J1 '62.

1. Neurologicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta akademik K. Henner Vyzkumny ustav endokrinologicky, reditel prof. K. Silink.

(ELECTROENCEPHALOGRAPHY) (HYPERTHYROIDISM ther)

(HYPOTHYROIDISM ther)

法批准日本东西共和国的中央的产业的共和党和全国的共和党的企业。 医加克尔氏疗法 医克里特氏征 12958-66 CZ/0079/65/007/002/0171/0172 SOURCE CODE: ACC NR: AP6005661 AUTHOR: Dostalek, C.; Dostalkova, J.; Erler, H.; Novak, V.; Roth, B. ORG: Laboratory of Graphic Diagnostics, Czechoslovak Academy of Sciences, Prague TITLE: Temporary connection between heterorhythmic stimuli in the EEG records [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964. SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 171-172 TOPIC TAGS: EEG, man, conditioned reflex, light biologic effect, acoustic biologic effect ABSTRACT: Conditional connection between a rhythmic acoustic and a rhythmic optical stimulus was worked out. 7 clinically healthy subjects having none of the investigated rhythms in uninfluenced record took them over easily. Acoustic stimulus was used as a conditional one, and the optical as an unconditional one. The forward conditioned reflexes appeared after 14-40 reinforcements. Working out the temporary connection caused no subjective inconvenience to the subjects. Rhythmic conditional response is only temporary, and is soon inhibited. Conditioning of driving of EEG rhythm in man is difficult. Orig. art. has: 1 figure. TPRS7

SUB CODE: 06, 05 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

SOV REF: -

KLIMKOVA-DEUTSCHOVA, E.; HOTH, B.

The effect of radiation on the human electroencephalogram.
Rev. Czech. med. 9 no.4:228-236 '63.

1. Neurological Clinic, Charles University, Plzen. Director:
Doc. E. Klimkova-Deutschova, M.D. Neurological Clinic, Faculty
of General Medicine, Charles University, Prague. Director:
K. Henner, Member of the Academy of Sciences.

(OCCUPATIONAL DISEASES)

(RADIATION INJURY)

(ELECTROENCEPHALOGRAPHY)

(SIEEP DISORDERS)

ROTH, B.; KLIMKOVA-DEUTSCHOVA, E.

The effect of the chronic action of industrial poisons on the electroencephalogram of man. Rev. Czech. med. 9 no.4: 217-227 '63.

1. Neurological Clinic, Faculty of General Medicine, Charles University, Prague Director: K. Henner, Member of the Academy of Sciences.

(OCCUPATIONAL DISEASES) (POISONING) (MERCURY POISONING) (LEAD POISONING) (MANGANESE) (HYDROCARBONS)

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AUTHOR: Roth, B.; Figar, S.; Simonova,			
ORG: Neurologic Clinic/headed by Academ Charles University (Neurologicka klinika of Physiology/headed by Prof. Z. Servit/	a fakulty vseob	ecneho lekarstvi	KU); Institute
TITIE: Respiration in narcolepsy and hy electroencephalographic data	ypersomnia. Co	rrelation of pneu	mographic and
SOURCE: Ceskoslovenska neurologie, v. 2	28, no. 5, 1965	, 325-333	
TOPIC TAGS: biologic respiration, EEG,	man, nervous s	ystem disease	
ABSTRACT: Study of pneumographic and el	Lectroencephalo	graphic recording	s in 24
patients with essential and 8 with secon	ndary (mostly p	osttraumatic) nar	colepsy,
9 with hypersomnia and 4 with miscelland controls. The differences between the			
the findings are described in detail.	Orig. art. has:	6 figures and 1	table.
[Based on Eng. abst.] [JPRS]			_
SUB CODE: 06 / SUBM DATE: none / 0	ORIG REF: 003	/ OTH REF: 012	
Card 1/1 07		001	,297

ROTH, Bedrich; NEVSIMAL, Oldrich On central nervous signs in hypocalcemic tetany. Cesk. neur.23 no.1/2:14-26 Ja '60. 1. Neurologicka klinika KU v Praze, prednosta akademik prof. dr. K, Henner. (TETANY) (NEUROLOGICAL MANIFESTATIONS)

ROTH, Bedrich

Narkolepsie a hypersomnie s hlediska fysiologie spanku. (Narcolepsy and Hypersomnia from the Point of View of the Physiology of Sleep. 1st ed. illus., bibl., index) Authors: Bedrich Roth, Introduction by K. Henner. Prague, SZdM, 1957. 331 p.

A comprehensive study on the climics of narcolepsy, hypersomnia, and disociated defects of sleep, their etiology, pathogenesis, diagnosis, prevention, and therapy. The first part deals with the physiology of sleep, the second part with the electroencephalography of sleep which is important for the study of the EEG analysis of the clinical pictures. The second part, (the clinical part) deals with the semiology of disturbances of sleep and wakefulness, and their classification; methods of investigating patients followed by 21 chapters dealing with the clinics proper.

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ROTH, BEDRICH

"Narkolepsie a hypersomnie s hladiska fysiologie spanku. (Vyd. 1.) (Praha)
Statni zdravotnicke nakl., 1957 331. p. (Narsolepsy and hypersomnia from the
viewpoint of the physilogy of sleep, 1st ed. illus.)"
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P. 331 (Praha, Czechoslovakia)

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Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 7, July 1958

Electroencephalographic studies in 131 cases of tetany. I. Hypocalcemic tetany. Cesk. neur. 21 no.5:322-331 Sept 58.

1. Neurologicka klinika KU, prednosta akademik K. Henner.

(TETANY, manifest.

EZG in hypocalcemic tetany (Gz))

(CALCIUM, in blood
hypocalcemic tetany, (Gz))

ROTH, Bedrich

Disturbance of wakefulness, sleep & consciousness induced by deafferentation of the central nervous system. Cesk. psychiat. 54 no.5:303-309 Oct 58.

l. Laborator pro patofyziologii nervove soustavy pri neurologicke klinice KU v Praze.

(CENTRAL NERVOUS SYSTEM, physical. deafferentation causing disord. of wakefulness, sleep & consciousness (Cz))

(SLEEP DISORDERS, etiol. & pathogen.

CNS deafferentation causing disord. of wakefulness & sleep (Cz))

(CONSCIOUSNESS)
disord. caused by CMS deafferentation (Cz))

CZECHOSLOVAKIA / Human and Animal Physiology. Nervous System.

Abs Jour: Ref Zhur-Bio., No 5, 1958, 22669.

Author : Roth, B:

: Not given. Inst

: The Structure of the Reticular Formation of the Title

Brain Stem and Sleep Physiology.

Crig Pub: Casop lekaru ceskych, 1957, 96, No 23, Lekar-

ska veda zahranic, 4-8.

Abstract: No abstract.

Card 1/1

ROTH, Bedrich

Electroencenhalographic signs of central nervous system deafferentation.

Cesk. neur. 21 no.3:159-165 May 58.

1. Iaborator pro patofysiologii nervove soustavy neurologicke kliniky

KU v Praze, prednosta akademik K, Henner.

(CENTRAL NERVOUS SYSTEM, physiol.

deafferentation, EEG manifest. (Cz))

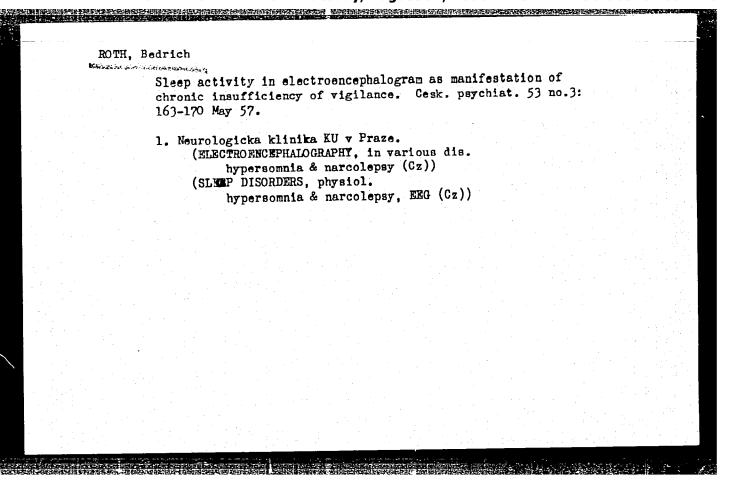
(MIECTROENCEPHALOGRAPHY,

patterns in deafferentation of GNS (Gz))

ROTH, Bedrich, Dr. EEG studies of a large series of cases of narcolepsy and hypersomnia. Cesk. neur. 20 no.3:155-161 May 57.

1. Neurologicka klinika K.U. v Praze, prednosta akademik prof. Dr. K. Henner. (SLEEP DISORDERS, manifest. EEG in hypersomnia & narcolepsy (Cz))

(ELECTROENCEPHALOGRAPHY, in various dis. hypersomnia & narcolepsy (Cz))



ROTH, Bedrich; SUNTYCH, Frantisek

Electroencephalographic study of chronic brucellosis. Cesk. neurol. 25 no.2:103-110 Mr 162.

1. Neurologicka klinika KU v Praze, prednosta akademik K. Henner Klinika nemoci z povolani KU v Praze, prednosta prof. dr. J. Teisinger.

(BRUCELLOSIS physiol)
(ELECTROENCEPHALOGRAPHY physiol)

BURES, Jan; ROTH, Bedrich

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1. Fyziologicky ustav CSAV, prednosta doc. dr. Z. Servit Neurologicka klinika KU v Praze, prednosta akademik prof. dr. K. Henner.

(BRAIN STEM anat & histol) (THALAMUS anat & histol)

ROTH, B.

Marcolepsy. Prakt. lek., Praha 33 no.1:9-12 5 Jan 1953. (CLML 24:3)

1. Of the Neurological Clinic (Head--Prof. K. Henner, M. D.) of Charles University, Prague.

ROTH, B.

"The Vegetative Nervous System in Narcolepsy."

SO: Meurol. a psych., Frague, Vol. 16 (1953), No. 3, pp. 173-131.

Occupational damages caused by vibrations in spinners. Cas. lek. cesk. 96 no. 37:1174-1178 13 Sept 57.

1. Neurologicka klinika KU v Praze, prednosta akademik K. Henner. (OCCUPATIONAL DISEASES inj. caused by vibrations in spinners (Cz)) (VIBRATIONS, inj. eff. occup. in spinners (Cz))

Autonomic nervous system in narcolepsy. Neur. & psychiat. cesk.
16 no.3:173-181 July 1953. (CIML 25:4)

1. Of the Neurological Clinic (Head--Prof. K. Henner, M.D.) of Charles University, Prague.

DIAMANT, J.; DUFEK, J.; HOSKOVEC, J.; KRISTOF, M.; PEKAREK, V.; ROTH, B.; VELEK, M.; Technicka spoluprace: Kubickova, d.s. M.

Electroencephalographic study of hypnosis. Cesk. psychiat. 55 no.5:285-295 0 159.

1. Psychiatricka klinika a neurologicka klinika KU v Praze,
Ustredni zdravotni ustav MV; psychiatricka lecebna v Praze 5.

(ELECTROENCEPHALOGRAPHY)

(HYPNOSIS physiol.)

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KLIMKOVA-DEUTCHOVA, E.; MACEK, Z.; ROTH, B.

Electroencephalographic studies of neuroses and pseudoneuroses with special reference to electroencephalographic manifestations of lowered vigility. Cas. lek. cesk. 98 no.39:1213-1218 25 S 159.

1. Neurologicka klinika KU, prednosta akademik K. Renner. (ELECTROENCEPHALOGRAPHY) (NEUROSES diag.)

ROTH, B.

Catalepsy and its therapy. Cas. lek. cesk. 92 no.48:1321-1326 27 Nov. 1953. (CLML 25:4)

1. Of the Neurological Clinic (Head--Prof. K. Henner, M.D.) of Charles University, Prague.